



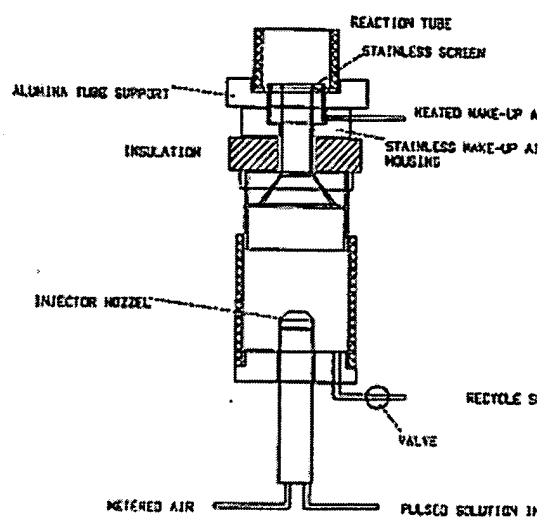


HIGH-TEMPERATURE AEROSOL DECOMPOSITION PROCESS AND PRODUCTS PROD**Patent number:** WO9015020**Publication date:** 1990-12-13**Inventor:** MOSER WILLIAM R (US)**Applicant:** WORCESTER POLYTECH INST (US)**Classification:****- international:** C01B13/34**- european:** B01J23/00S; B01J23/86F; B01J37/02; C01B13/34; C01G3/00D;
C01G25/02; H01B1/08**Application number:** WO1990US03301 19900611**Priority number(s):** US19890364008 19890609**Also published as:** WO901502**Cited documents:** DE753306
 DE887196
 US2155119
 EP0261590**Abstract of WO9015020**

This invention describes a high temperature aerosol decomposition reactor for producing metal containing materials and methods of producing metal containing materials using the same. The metal containing materials produced by the method of the present invention include metal oxides, catalytic compositions, superconducting materials, and electrically conducting ceramics.





INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : C01B 13/34, B01J 23/80, 23/86	A3	(11) International Publication Number: WO 90/15020 (43) International Publication Date: 13 December 1990 (13.12.90)
<p>(21) International Application Number: PCT/US90/03301</p> <p>(22) International Filing Date: 11 June 1990 (11.06.90)</p> <p>(30) Priority data: 364,008 9 June 1989 (09.06.89) US</p> <p>(71) Applicant: WORCESTER POLYTECHNIC INSTITUTE [US/US]; 100 Institute Road, Worcester, MA 01609 (US).</p> <p>(72) Inventor: MOSER, William R. ; 4 Westcott Drive, Hopkinton, MA 01748 (US).</p> <p>(74) Agents: BROOK, David, E. et al.; Hamilton, Brook, Smith & Reynolds, Two Militia Drive, Lexington, MA 02173 (US).</p>	<p>(81) Designated States: AT (European patent), AU, BE (European patent), CA, CH (European patent), DE (European patent)*, DK (European patent), ES (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent), SU.</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 7 March 1991 (07.03.91)</p>	
(54) Title: HIGH-TEMPERATURE AEROSOL DECOMPOSITION PROCESS AND PRODUCTS PRODUCED		
<p>(57) Abstract</p> <p>This invention describes a high temperature aerosol decomposition reactor for producing metal containing materials and methods of producing metal containing materials using the same. The metal containing materials produced by the method of the present invention include metal oxides, catalytic compositions, superconducting materials, and electrically conducting ceramics.</p>		